Date

Wednesday, 12/11/2008 1:41:24 PM

User:

Julie Dawson

**Process Sheet** 

Customer Job Number : CU-DAR001 Dart Helicopters Services

: 43391

**Estimate Number** 

: 11527

P.O. Number

This Issue

: 12/11/2008

: NC

Prsht Rev.

First Issue **Previous Run** 

Written By

: 11

Type

: LARGE FAB ASSY

: 42443

Checked & Approved By Comment

: Est. 01.10.23 New Issue

S.O. No. :

SM

**Drawing Name** 

Part Number

: D3021041

**Drawing Number** 

: D3021 REVA

: TUBE ASSEMBLY

Project Number

: N/A : A

**Drawing Revision** 

Material

**Due Date** 

: 05/12/2008

Qty:

1 Um:

Each

**Additional Product** 

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

1.0

M4130NT0750W049

4130 RD Tube .750 x.049W

Comment: Qty.:

2.1875 f(s)/Unit Total:

2.1875 f(s)

4130 Tube .750 OD x.049W

Cut:- AISI 4130N tube, Ø3/4" x 0.049" wall

batch: M 1030/2

2.0

3.0

D301711

Comment: Qty.:

2.0000 Each(s)/Unit Total:

2.0000 Each(s)

cap

LARGE FABRICATION RESOURCE 1





Comment: LARGE FABRICATION RESOURCE 1

1-Cut tube as per Dwg D3021

2-Drill tube as per Dwg D3021 using D8622

3--Deburr

4-Weld as per Dwg D3021 QSI004

A/R 4130 Rod

Batch:\_

4.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION



Dart	<b>Aeros</b>	pace	Ltd

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W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Categ	jory:	_ NCR: Yes	No DQ	<b>A</b> :	Date: _	<del></del>
	Res	solution:	Disposition	l:	_ QA: N/C C	losed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	₹)			
		Description of NC	Corrective Action Se		on B	Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	& Secti		Chief Eng	QC Inspector
								:	
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NOTE: Date & initial all entries

Wednesday, 12/11/2008 1:41:24 PM Date: :ser Julie Dawson **Process Sheet** Drawing Name: TUBE ASSEMBLY Customer: CU-DAR001 Dart Helicopters Services Part Number: D3021041 Job Number: 43391 Job Number: **Description:** Seq. #: **Machine Or Operation:** INSPECT WORK TO CURRENT STEP 5.0 QC5 Comment: INSPECT WORK TO CURRENT STEP معارر POWDER COATING 6.0 POWDER COATING Comment: POWDER COATING Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 START TIME: 08/11/24 **OVEN TEMPERATURE:** FINISH TIME: INSPECT POWDER COAT/CHEMICAL CONVE 7.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 8.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 9.0 FINAL INSPECTION/W/O RELEASE QC21 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

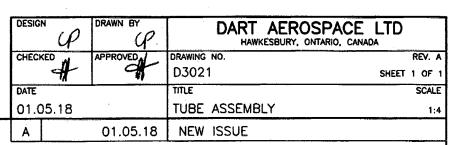
## Dart Aerospace Ltd

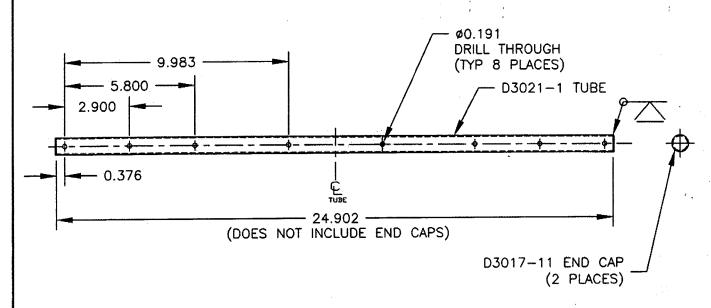
W/O:		WORK ORDER CHANGES							
DATE	STEP	PRO	OCEDURE CHANGE		Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
**									
			***********						
Part No	:	PAR #:	Fault Category:	NCR:	Yes I	No <b>DQ</b>	<b>A</b> :	Date: _	
	Resolution: _		Disposition:	QA: N	I/C CIC	sed:		Date: _	
NCR:			WORK ORDER NON-CON	IFORMANCE (	NCR	)			
			Corrective Actio	n Costion D		T		· .	ļ

NCR: WORK ORL				ER NON-CONFORMANC	E (NCH)			
		Description of NC	Description of NC Corrective Action Section B			Verification	Approval Chief Eng	Approval QC Inspector
DATE	STEP	Section A	InitialAction DescriptionSign &Chief EngChief EngDate		Section C			
								:
								:
								[*

NOTE: Date & initial all entries







D3021-041 TUBE ASSEMBLY (D3021-1 TUBE)

SHOPCOPY RETURN TO ENGINEERING UNCONTROLLED COPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE

2) MATERIAL: AISI 4130 TUBE, Ø0.75 DIA x 0.049 WALL (M4130N-T0750W049) 3) WELD PER DART QSI 004 4) FINISH: POWDER COAT GREY SANDTEX (REF 4.3.5.6) PER DART QSI 005

ALL DIMENSIONS ARE IN INCHES

1) PART IS SYMMETRIC ABOUT CENTERLINE

NOTES:

6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

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DESIG	" P	DRAWN BY	DART AEROSPACE HAWKESBURY, ONTARIO, CAN	
 CHEC	KED A	APPROVED	DRAWING NO. D3017	REV. A SHEET 1 OF 2
DATE			TITLE	SCALE
01.0	05.18		BACK FRAME ASSEMBLY	1:1
Α		01.05.18	NEW ISSUE	

QTY	PART No.	DESCRIPTION	MATERIAL
Х	D3017-041	BACK FRAME ASSEMBLY	N/A
1	D3017-1	TUBE	AISI 4130N TUBE, Ø0.75 DIA x 0.049 WALL (M4130N-T0750W049)
2	D3017-3	TUBE	AISI 4130N TUBE, Ø0.75 DIA x 0.049 WALL (M4130N-T0750W049)
1	D3017-5	TUBE	AISI 4130N TUBE, Ø0.75 DIA x 0.049 WALL (M4130N-T0750W049)
3	D3017-7	LUG	AISI 4130N SHEET, 18 GAUGE (M4130N-S049)
2	D3017-11	END CAP	AISI 4130N SHEET, 18 GAUGE (M4130N-S049)

## **NOTES**

- 1) WELD PER DART QSI 004
- 2) ON SHEET METAL PARTS, BREAK ALL UNMARKED CORNERS 0.020-0.040
- 3) FINISH: POWDER COAT GREY SANDTEX (REF. 4.3.5.6) PER DART QSI 005 4.3
- 4) ALL DIMENSIONS ARE IN INCHES.
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

